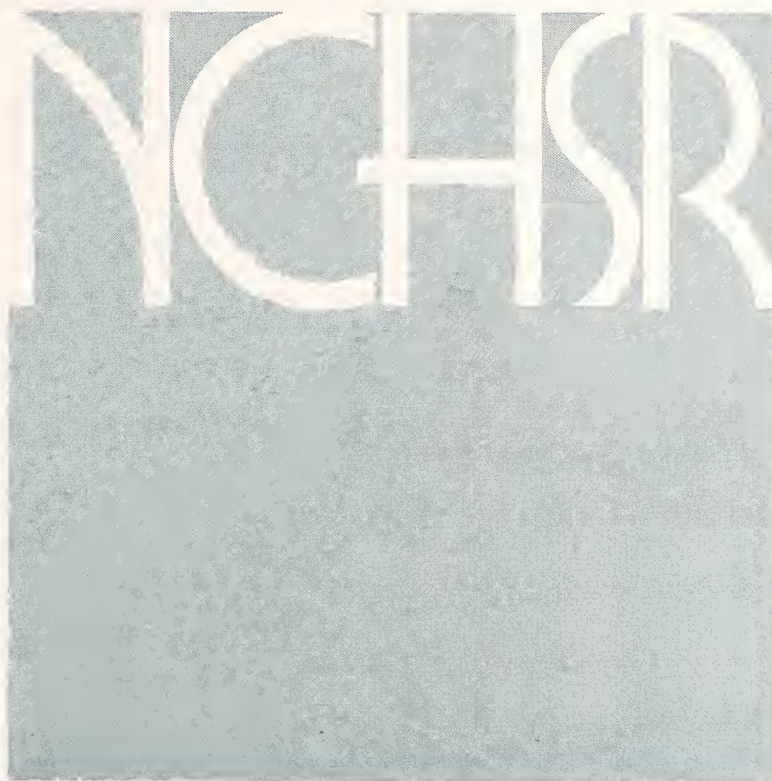


**Office of Health  
Technology Assessment  
Reports, 1981—1985:  
Titles and Ordering  
Information**

May 1986



**NATIONAL CENTER FOR HEALTH SERVICES RESEARCH AND HEALTH CARE TECHNOLOGY ASSESSMENT**

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service



R  
54  
05  
43  
986

---

Foreword

The Office of Health Technology Assessment (OHTA) evaluates the safety and effectiveness of new or unestablished medical technologies that are being considered for coverage under Medicare. These assessments are done at the request of DHHS' Health Care Financing Administration (HCFA), which uses them in support of Medicare policy and decisionmaking.

Questions about Medicare coverage for certain health care technologies are directed to HCFA by such interested parties as insurers, manufacturers, Medicare contractors, and practitioners. Those of a medical, scientific, or technical nature are formally referred to OHTA for assessment.

OHTA's assessment activities include a comprehensive review of the medical literature and emphasize broad and open participation from within and outside the Federal Government. A range of expert advice is obtained by widely publicizing plans for input from Federal agencies, medical specialty societies, insurers, and manufacturers. The involvement of these experts helps assure the experience and varying viewpoints needed to round out the data derived from individual scientific studies and medical specialty analyses.

After OHTA receives information from experts and the scientific literature, the results are incorporated and synthesized into an assessment report. The Health Technology Assessment Reports form the basis for OHTA's communication to HCFA and are widely disseminated.

Each report represents a detailed analysis of the safety, effectiveness, and uses of new or unestablished medical technologies considered for Medicare coverage. Compilations of assessments conducted by NCHSR's Office of Health Technology Assessment containing all reports for the respective years are published.

OHTA is part of the National Center for Health Services Research and Health Care Technology Assessment, Public Health Service, DHHS.

Enrique D. Carter, M.D.  
Director, Office of Health  
Technology Assessment

John E. Marshall, Ph.D.  
Director, National Center  
for Health Services Research  
and Health Care Technology Assessment

Copies may be obtained at no charge from:  
NCHSR Publications and Information Branch  
1-46 Park Building  
Rockville, MD 20857; 301/443-4100

Reports for 1981 and 1982 are available in the annual compilation only. Reports for 1983 on are available in annual compilations as well as individually.

PB numbers following titles are NTIS numbers. Copies may be ordered from the National Technical Information Service, Springfield, VA 22161; 703/487-4650. Payment must accompany orders.

## Health Technology Assessment Reports, 1981

Health Technology Assessment Reports, 1981, 260 pp., PB85-114049/AS.

No. 1, Alcohol Aversion Therapy, 13 pp.

No. 2, Hydrotherapy (Whirlpool) Baths for Treatment of Decubitus Ulcers, 5 pp.

No. 3, Ultraviolet Light for Treatment of Decubitus Ulcers, 8 pp.

No. 4, Transsexual Surgery, 18 pp.

No. 5, Urine Autoinjection (Autogenous Urine Immunization), 4 pp.

No. 6, Therapeutic Apheresis for Rheumatoid Arthritis, 13 pp.

No. 7, Stereotaxic Depth Electrode Implantation Prior to Surgical Treatment of Focal Epilepsy, 6 pp.

No. 8, Cytotoxic Leukocyte Test for the Diagnosis of Food Allergy, 10 pp.

No. 9, Sublingual Provocative Testing and Neutralization Therapy for Food Allergies, 7 pp.

No. 10, Intracutaneous (Intradermal) and Subcutaneous Provocative and Neutralization Testing and Neutralization Therapy for Food Allergies, 10 pp.

No. 11, Intracranial Pressure Measurement, 8 pp.

No. 12, B-Mode Scan in Peripheral Arterial Disease, 10 pp.

No. 13, Tinnitus Maskers, 9 pp.

No. 14, Percutaneous Transluminal Angioplasty in Treatment of the Lower Extremities, 14 pp.

No. 15, Transcutaneous Electrical Nerve Stimulation for Acute Postoperative Incision Pain, 14 pp.

No. 16, Shortwave Diathermy, 8 pp.

No. 17, The Use of Human Tumor Stem Cell Drug Sensitivity Assays for Predicting Anticancer Drug Effects, 13 pp.

No. 18, Ethylenediamine-Tetra-Acetic Acid (EDTA) Chelation Therapy for Atherosclerosis, 16 pp.

No. 19, Ultraviolet Absorbing or Reflecting Spectacle Lenses for Aphakic and Pseudophakic Patients, 14 pp.

- No. 20, The Use of the Bentonite Flocculation Test in the Diagnosis of Rheumatoid Arthritis, 5 pp.
- No. 21, Desoxyribonucleic Acid-Bentonite Flocculation Test for the Diagnosis of Rheumatoid Arthritis, 5 pp.
- No. 22, The Use of the Mycoplasma Complement Fixation Test in the Diagnosis of Rheumatoid Arthritis, 6 pp.
- No. 23, The Kunkel Test for Estimating Total Serum Gamma Globulin Levels in Patients with Rheumatoid Arthritis, 6 pp.
- No. 24, The Role of Joint Scans Using Technetium-99m Pertechnetate in Diagnosing and Assessing Therapeutic Gain in Arthritis, 20 pp.
- No. 25, The Use of Anti-Inhibitor Coagulant Complex (Activated Prothrombin-Complex Concentrate) in the Treatment of Patients with Hemophilia A and Antibodies to Factor VIII, 16 pp.



---

## Health Technology Assessment Reports, 1982

Health Technology Assessment Reports, 1982, 290 pp., PB85-121754/AS.

No. 1, Electrotherapy for Treatment of Facial Nerve Paralysis (Bell's Palsy), 11 pp.

No. 2, Hyperbaric Oxygen Therapy for Treatment of Organic Brain Syndrome (Senility), 13 pp.

No. 3, Hyperbaric Oxygen Therapy for Treatment of Multiple Sclerosis, 11 pp.

No. 4, Gastric Freezing for Peptic Ulcer Disease, 20 pp.

No. 5, Bolen's Test for Cancer, 7 pp.

No. 6, Bendien's Test for Cancer and Tuberculosis, 3 pp.

No. 7, Rehfuess Test for Gastric Acidity, 3 pp.

No. 8, Rheumatoid Vasculitis Therapeutic Apheresis, 10 pp.

No. 9, Home Blood Glucose Monitors, 20 pp.

No. 10, Ambulatory Blood Pressure Monitoring in Hypertensives Using Semiautomatic, Patient-Activated Portable Devices, 10 pp.

No. 11, Apheresis for Multiple Sclerosis, 11 pp.

No. 12, Hyperbaric Oxygen Therapy for Treatment of Arthritic Diseases, 10 pp.

No. 13, Plasmapheresis and Plasma Exchange for Thrombotic Thrombocytopenic Purpura, 14 pp.

No. 14, Obesity and Protein Supplemented Fasting, 13 pp.

No. 15, Serum Seromucoid Assay, 23 pp.

No. 16, Percutaneous Transluminal Angioplasty for Treatment of Stenotic Lesions of a Single Coronary Artery, 23 pp.

No. 17, Melodic Intonation Therapy, 12 pp.

Nos. 18-20, Bone (Mineral) Density Studies, 15 pp.

No. 21, Hyperbaric Oxygen Therapy for Treatment of Soft Tissue Radionecrosis and Osteoradionecrosis, 13 pp.

No. 22, Hyperbaric Oxygen Therapy for Treatment of Chronic Refractory Osteomyelitis, 11 pp.

No. 23, Carbon Dioxide Laser Surgery for Selected Conditions, 14 pp.

No. 24, Percutaneous Transluminal Angioplasty in Treatment of Stenotic Lesions of the Renal Arteries, 15 pp.

No. 25, Endothelial Cell Photography, 4 pp.

No. 26, Photoplethysmography, 2 pp.

---

## Health Technology Assessment Reports, 1983

Health Technology Assessment Reports, 1983, 322 pp., PB85-121762/AS.

No. 1, EEG Monitoring During Open Heart Surgery, 17 pp., PB85-192789/AS.

Nos. 2 and 3, Apheresis for the Treatment of Goodpasture's Syndrome and Membranous Proliferative Glomerulonephritides, 10 pp., PB85-192797/AS.

No. 4, Electroversion Therapy for the Treatment of Alcoholism, 4 pp., PB85-195261/AS.

No. 5, Anti-Gastroesophageal Reflux Implantation, 6 pp., PB85-195253/AS.

No. 6, Closed-Loop Blood Glucose Control Device, 20 pp., PB85-195246/AS.

No. 7, Plasma Perfusion of Charcoal Filters for Treatment of Pruritis of Cholestatic Liver Disease, 7 pp., PB85-195238/AS.

No. 8, Topical Oxygen Therapy in the Treatment of Decubitus Ulcers and Persistent Skin Lesions, 14 pp., PB85-192805/AS.

No. 9, Fully Automated Ambulatory Blood Pressure Monitoring of Hypertension, 15 pp., PB85-191781/AS.

No. 10, Hyperbaric Oxygen for Treatment of Actinomycosis, 11 pp., PB85-191773/AS.

No. 11, Photokymography, 5 pp., PB85-192771/AS.

No. 12, Cardiokymography, 14 pp., PB85-192813/AS.

No. 13, Negative Pressure Respirators, 19 pp., PB85-206019/AS.

No. 14, Diathermy as a Physical Therapy Modality, 21 pp., PB85-206027/AS.

No. 15, Hyperbaric Oxygen Therapy for Treatment of Crush Injury and Acute Traumatic Peripheral Ischemia, 12 pp., PB85-192763/AS.

No. 16, Liver Transplantation, 47 pp., PB85-121747/AS.

No. 17, Computer Enhanced Perimetry, 9 pp., PB86-127719/AS.

No. 18, Lactose Breath Hydrogen Test for the Diagnosis of Lactose Malabsorption, 15 pp., PB86-127727/AS.

No. 19, Implantable Chemotherapy Infusion Pump for the Treatment of Liver Cancer, 18 pp., PB86-127735/AS.

No. 20, External Infusion Pump for Heparin, 7 pp., PB86-127743/AS.

No. 21, Lactulose Breath Hydrogen Test for Small Bowel Bacterial Overgrowth and Small Bowel Transit Time, 16 pp., PB86-127750/AS.

No. 22, Thermography for Breast Cancer Detection, 24 pp., PB86-127768/AS.



---

## Health Technology Assessment Reports, 1984

Health Technology Assessment Reports, 1984, 455 pp., PB85-203784/AS.

- No. 1, Transillumination Light Scanning for the Diagnosis of Breast Cancer, 16 pp., PB85-150712/AS.
- No. 2, Implantable Pump for Chronic Heparin Therapy, 9 pp., PB85-150720/AS.
- No. 3, Electrotherapy for Treatment of Facial Nerve Paralysis (Bell's Palsy), 9 pp., PB85-150407/AS.
- No. 4,  $^{13}\text{CO}_2$  Breath Test for Diagnosing Bile Acid Malabsorption, 12 pp., PB85-154540/AS.
- No. 5, Noninvasive Method of Monitoring Cardiac Output by Doppler Ultrasound, 19 pp., PB85-151363/AS.
- No. 6, Ambulatory Electroencephalographic (EEG) Monitoring, 30 pp., PB85-150738/AS.
- No. 7,  $^{13}\text{CO}_2$  Breath Test for Diagnosing Fat Malabsorption, 16 pp., PB85-154094/AS.
- No. 8, Transcutaneous Electrical Nerve Stimulation for Acute Pain Treatment for Ambulatory Patients, 12 pp., PB85-153377/AS.
- No. 9, Apheresis Used in Preparation for Kidney Transplant, 8 pp., PB85-151371/AS.
- No. 10, Carbon Dioxide Lasers in Head and Neck Surgery, 8 pp., PB85-151389/AS.
- No. 11, Hyperbaric Oxygen Therapy for Acute Cerebral Edema, 20 pp., PB85-153385/AS.
- No. 12, Intraoperative Ventricular Mapping, 24 pp., PB85-152999/AS.
- No. 13, Apheresis in the Treatment of Chronic Relapsing Polyneuropathy, 9 pp., PB85-151397/AS.
- No. 14, Diagnostic Endocardial Electrical Stimulation (Pacing), 16 pp., PB85-151405/AS.
- No. 15, Neuromuscular Electrical Stimulation in the Treatment of Disuse Atrophy in the Absence of Nervous System Involvement, 13 pp., PB85-151413/AS.
- No. 16, Hyperbaric Oxygen for Treatment of Chronic Peripheral Vascular Insufficiency, 11 pp., PB85-152916/AS.
- No. 17, Hyperbaric Oxygen in Treatment of Severed Limbs, 12 pp., PB85-153393/AS.
- No. 18, External Counterpulsation, 15 pp., PB85-150399/AS.
- No. 19, Transplantation of the Pancreas, 30 pp., PB85-153724/AS.

- No. 20, Streptokinase Infusion for Acute Myocardial Infarction, 19 pp., PB85-157428/AS.
- No. 21, Nd:YAG Laser for Posterior Capsulotomies, 19 pp., PB85-151421/AS.
- No. 22, External Open-Loop Pump for the Subcutaneous Infusion of Insulin in Diabetics, 34 pp., PB85-151439.
- No. 23, Laser Trabeculoplasty (LTP) for Open Angle Glaucoma, 20 pp., PB85-163111/AS
- No. 24, Local Hyperthermia for Treatment of Superficial and Subcutaneous Malignancies, 27 pp., PB85-179554/AS.
- No. 25, Percutaneous Transluminal Angioplasty for Obstructive Lesions of the Aortic Arch Vessels, 20 pp., PB85-179539/AS.
- No. 26, Percutaneous Transluminal Angioplasty for Obstructive Lesions of Arteriovenous Dialysis Fistulas, 15 pp., PB85-179547/AS.

---

## Health Technology Assessment Reports, 1985

Office of Health Technology Assessment Reports, 1985, 376 pp.

Abstracts of Office of Health Technology Assessment Reports, 1985, 20 pp.

No. 1, Extracorporeal Shock Wave Lithotripsy (ESWL) Procedures for the Treatment of Kidney Stones, 13 pp., PB86-121811/AS.

No. 2, Percutaneous Ultrasound Procedures for the Treatment of Kidney Stones, 19 pp., PB86-121829/AS.

No. 3, Debridement and Other Treatment of Mycotic Toenails, 13 pp., PB86-121837/AS.

No. 4, Transurethral Ureteroscopic Lithotripsy Procedures for the Treatment of Kidney Stones, 11 pp., PB86-121845/AS.

No. 5, 24-Hour Ambulatory Esophageal pH Monitoring, 14 pp., PB86-121852/AS.

No. 6, Thermography for Indications Other Than Breast Lesions. (Withdrawn)

No. 7, Allogeneic Bone Marrow Transplantation (BMT) for Indications Other Than Aplastic Anemia and Leukemia, 24 pp., PB86-121860/AS.

No. 8, Autologous Bone Marrow Transplantation (ABMT), 20 pp., PB86-121878/AS.

No. 9, Stereotactic Cingulotomy as a Means of Psychosurgery, 31 pp., PB86-121886/AS.

No. 10, Cardiokymography, 4 pp., PB86-133790/AS.

No. 11, Patient Selection Criteria for Percutaneous Transluminal Coronary Angioplasty, 36 pp., PB86-133808/AS.

No. 12, Bilateral Carotid Body Resection, 12 pp., PB86-133816/AS.

No. 13, Magnetic Resonance Imaging, 106 pp., PB86-132131/AS.

No. 14, Apheresis in the Treatment of Guillain-Barre Syndrome, 16 pp., PB86-151024/AS.

No. 15, Portable Hand Held X-Ray Instrument (Lixiscope) (revised), 12 pp., PB86-151032/AS.

No. 16, Implantable Automatic Cardioverter-Defibrillators, 20 pp., PB86-154671/AS.

No. 17, Apheresis in the Treatment of Systemic Lupus Erythematosus (SLE), 18 pp., PB86-154663/AS.

CMS LIBRARY



3 8095 00013272 6

---

**U.S. Department of Health  
and Human Services**  
Public Health Service  
National Center for Health Services Research  
and Health Care Technology Assessment  
1-46 Park Building  
Rockville, MD 20857